

[LL 6253]

AUGUST 2017

Sub. Code: 6253

**BPT DEGREE EXAMINATION
FIRST YEAR
PAPER III – PHYSIOLOGY AND APPLIED PHYSIOLOGY**

Q.P. Code: 746253

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Define Arterial Blood pressure. Discuss in detail about the regulation of Arterial Blood Pressure. Add a note on hypertension.
2. Explain in detail about the transport of oxygen in blood.

II. Write notes on: **(8 x 5 = 40)**

1. Cell mediated immunity.
2. Excitation contraction coupling.
3. Enterohepatic circulation.
4. Peculiarities of renal circulation.
5. Functions of glucocorticoids.
6. Parkinsonism.
7. Difference between upper and lower motor neuron lesion.
8. Taste pathway.

III. Short answers on: **(10 x 2= 20)**

1. Define homeostasis?
2. Endoplasmic reticulum and its function.
3. Erythroblastosis foetalis.
4. Functions of saliva.
5. List the non-excretory functions of kidney.
6. What is cretinism?
7. Name any four contraceptive methods in female.
8. What is surfactant? What is its function?
9. Define shock. What are the types of shock?
10. Name two excitatory and two inhibitory neurotransmitters.
